

Yash Kumar Singh

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY PATNA

Bachelor Of Technology
(Electronics and Communication)
July 2021 - Present | Patna, INDIA
CGPA: 8.2/10.00

RYAN INTERNATIONAL SCHOOL(ICSE)

Intermediate & Matriculation
March 2011 - April 2020 | Raebareli, INDIA
Secured 93.4% in Intermediate and 10 CGPA in Matriculation

LINKS

[LeetCode\(250+ Questions\)](#)
[GFG\(450+ Questions\)](#)
[Codechef\(5 Star\)](#)
[Github:@Yash1812singh](#)
[Linkedin:@Yashcdsingh](#)

TECHNICAL SKILLS

PROGRAMMING

• C++ • Java • JavaScript
• Python(Basics)

FRAMEWORK

•ReactJS • Redux(Library) •Spring Boot •Node.js and Express

TOOLS AND SOFTWARE

• Git • Github • VS Code • IntelliJ IDEA
• Linux(Basics)

COURSEWORK

• Data Structures And Algorithm
• Software Engineering
• Object Oriented Programming
• Operating System
• Data Base Management System
• Machine Learning

PERSONAL SKILLS

• Communication • Adaptability
• Analytical Skills • Team Work
• Project Management

EXPERIENCE

TECHIENEST | SDE Intern [Official Website](#) [Certificate](#)

June 2023 – July 2023

- Used Node Package Manager(NPM) and used it to install usefull tools like Grunt,Gulp,Groovy,Mongo.js,Express.
- Created user validation form and used the Restfull service to send the data to server.
- Tech Stack - HTML, CSS, React, Redux, Node.js, Express and MongoDB.

GOLMAN SACHS | Intern [Official Website](#) [Certificate](#)

Dec 2023 – Jan 2023

- Identified that the company was using an outdated password hashing algorithm by cracking passwords using Hashcat.
- Completed a job simulation as a Goldman Sachs governance analyst responsible for assessing IT security
- Wrote a memo for my supervisor summarizing a range of proposed uplifts to increase the company's level of password protection

PROJECTS

EXO PLANET HUNTING [Github](#)

Dec 2023

- Created a model that can predict the existence of an Exoplanet, utilizing the flux (light intensity) readings from 3198 different stars over time
- Succesfully implemented the model with accuracy 0.998 and recall 1.0
- Tech Stack - Numpy,Matplotlib,Seaborn,Pandas,Jupyter Notebook,Sklearn,Scipy

MOTION DETECTOR [Website](#)

Jan 2023

- Used the LHI778 Passive Infrared Sensor and the BISS0001 IC to control how motion is detected.
- We have also included a LED at pin D7 (GPIO13), for a local visualization.
- Tech Stack - NodeMCU, BLYNK, Arduino IDE,IOT

SORTING VISUALISER [Website](#) [Github](#)

Jun 2023

- Implemented a model to visualise different sorting techniques used in DSA like Bubble sort ,Selection sort ,Shell sort.
- Algo implemented-insertion sort, bubble sort,merge sort,selection sort,quick sort
- Tech Stack - HTML, CSS3, Bootstrap, JavaScript.

CERTIFICATIONS

2021 [Computing](#)
2021 [UI/UX](#)
2020 [FrontEnd](#)

The Joy of Computing using Python from NPTEL
UI/UX from IIT BHU.
Front-end Web Development from Great Learning.